

Section	Page(s)	Problems
1.1 <i>Variables and Expression</i>	7-8	2-5, 9-16, 27, 29, 33
1.2 <i>Order of operations and Evaluating Expressions</i>	13-15	12-34 even, 40, 58, 64
1.3 <i>Real Numbers and the Number Line</i>	20-21	14-42 even, 46,52
Quiz 1.1-1.3		None
1.4 <i>Properties of Real Numbers</i>	26-28	8-26 even, 32,34,38,60
1.5 <i>Adding and Subtracting Real Numbers</i>	34-36	14-40 even, 70-74 even
1.6 <i>Multiplying Real Numbers</i>	42-44	8-46 evens, 54, 56, 70
Quiz 1.4-1.6		None
1.7 Day 1 <i>The Distributive Property</i>	50	10-44 even
1.7 Day 2 <i>The Distributive Property (Continued)</i>	50-52	54-72 even, 76-80 even, 94
Review 1.1-1.7		TBD
Chapter 1 Test		None

CHAPTER 1

For each target, rate yourself on how well you know the target.

- 1) I've never seen this topic before and wouldn't even know how to begin.
- 2) I've heard or seen this before, but don't know how to start or complete the problem
- 3) I know the topic and can work through the problem but am unsure whether I am correct.
- 4) I feel comfortable that I could present my work and solution to the class.
- 5) I feel that I could correctly teach this topic to another student if asked.

By the end of this unit, you should be able to:

			Rating				
Target/Skill/Objective		Example	1	2	3	4	5
1A	Students will be able to translate verbal & algebraic expressions	Write an algebraic expression for: <i>8 minus the product of 9 and r</i>					
1B	Students will be able to simplify expressions	Simplify the following: $\frac{2 \cdot 7 + 4}{9 \div 3}$					
1C	Students will be able to identify properties of real numbers	Is $\sqrt{10}$ a rational or irrational number?					
1D	Students will be able to apply the properties of real numbers	Are the following expressions equivalent? $(3 + 7) + m$ and $m + 10$					
1E	Students will be able to add/subtract/multiply/divide real numbers	What is the product of: $7(-9)$					
1F	Students will be able to simplify expressions using the distributive property	Simplify the following: $8(4 + x)$					